CIP
EXPENSE DETAIL

DATE OF COUNCIL CONSIDERATION: 8/16/12
CONTACT DEPARTMENT(S): Austin Water Utility

SUBJECT. Authorize execution of a construction contract with KST ELECTRIC, LTD., for the Hornsby Bend SCADA Improvements ReBid in an amount not to exceed $631,848, plus a $63,184 contingency, for a total contract amount not to exceed $695,032.

CURRENT YEAR IMPACT:

Department:	**Austin Water Utility**
Project Name:	Hornsby Bend Plant Scada Imprv
Fund/Department/Unit:	4480 2307 8128
Funding Source:	AWU Fund Transfer
Current Appropriation:	1,149,000.00
Unencumbered Balance:	707,820.46
Amount of This Action:	(695,032.00)
Remaining Balance:	12,788.46
Total Amount of this Action	695,032.00

ANALYSIS / ADDITIONAL INFORMATION: This project provides upgrades to the existing Supervisory Control and Data Acquisition System (SCADA) for the Hornsby Bend Biosolids Management Facility. The upgrade will replace legacy Programmable Logic Controllers (PLCs) at this facility. These PLCs will be integrated with the existing SCADA system to monitor and control process equipment in key areas of the plant.

Mechanical and electrical improvements will be implemented in the PLC cabinets to improve operational reliability in the existing corrosive atmosphere at the locations. To improve network reliability, the network infrastructure in the Maintenance Building will be relocated to a more secure room. Additional Operator Workstations will be installed in key areas throughout the plant in order to expand accessibility to the SCADA system.

Due to the potential for unforeseen circumstances related to the age of the equipment and the corrosive environment that the equipment is installed in, a 10% contingency in funding has been included to allow for the expeditious processing of any change orders.

The contract allows 300 calendar days for completion of this project. This project is located within zip code 78725, and is managed by the Austin Water Utility.

KST Electric, LTC. is located in Manor, TX.